

[COLD CATHODE FLUORESCENT FLAT LAMP]

Abstract

A cold cathode fluorescent flat lamp comprising a cavity, discharge gas, a plurality of electrodes, fluorescence layer and first light control layer is provided. The cavity has a light exit plane. The discharge gas is filled inside the cavity, and the electrodes may be disposed inside the cavity or outside the cavity. The cavity is divided by the protrusions of the electrodes into a plurality of first light emitting areas and second light emitting areas. The fluorescence layer is disposed on the inner wall of the cavity. The first light control layer is disposed over the fluorescence layer corresponding to the first light emitting area and the light exit plane of the cavity for reducing the light transmittance corresponding to the first light emitting area. Therefore, the first or second light control layers can increase the brightness uniformity of the whole cold cathode fluorescent flat lamp.